



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

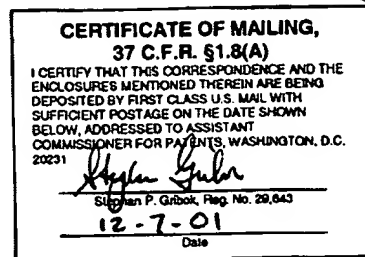
In re Application of: NOWAK, W, et al.

Serial No.: 09/936,469

Filing Date: September 12, 2001

US National Phase of PCT/DE00/00722, filed 11/MARCH/2000

For: FIBER TRANSMISSION ELEMENT FOR GENERATING A CHROMATIC DISPERSION.



PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to examination, please amend the above-identified patent application, as follows:

IN THE CLAIMS:

Amend the claims to read as follows. A version is attached showing the changes made to the claims as originally filed.

1(amended). A transmission component for producing normal and anomalous chromatic dispersion which can be predetermined, comprising:

a glass fiber optical waveguide structured to carry not only a fundamental mode but also at least one other mode, and

two pairs of Bragg gratings, of which at least one pair has chirped Bragg gratings,

in which a first Bragg grating in each said pair reflects an arriving light beam back to an other Bragg grating in said pair, in a direction approximately opposite a forward

01 701002

26.20 19

**PATENT APPLICATION FEE DETERMINATION RECORD**  
Effective October 1, 2000

Application or Docket Number

09/936469

**CLAIMS AS FILED - PART I**

|  | (Column 1)   | (Column 2)   |
|--|--------------|--------------|
| TOTAL CLAIMS   |              |              |
| FOR  | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS  | 16 minus 20= | -            |
| INDEPENDENT CLAIMS   | 1 minus 3=   | -            |
| MULTIPLE DEPENDENT CLAIM PRESENT <input checked="" type="checkbox"/> |              |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2

**CLAIMS AS AMENDED - PART II**

9/13/02

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | 22 Minus                         | 30                                 | = 2           |
| Independent   | 2 Minus                          | 3                                  | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

SMALL ENTITY TYPE ☐ OR

OTHER THAN SMALL ENTITY

| RATE      | FEE    |
|-----------|--------|
| BASIC FEE | 355.00 |
| X\$ 9=    |        |
| X40=      |        |
| +135=     |        |
| TOTAL     |        |

| RATE      | FEE     |
|-----------|---------|
| BASIC FEE | 270.00  |
| X\$18=    |         |
| X80=      |         |
| +270=     | 270.00  |
| TOTAL     | 1140.00 |

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9=           |                |
| X40=             |                |
| +135=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           | 36             |
| X80=             |                |
| +270=            |                |
| TOTAL ADDIT. FEE | 36             |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | Minus                            |                                    | =             |
| Independent   | Minus                            |                                    | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9=           |                |
| X40=             |                |
| +135=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           |                |
| X80=             |                |
| +270=            |                |
| TOTAL ADDIT. FEE |                |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | Minus                            |                                    | =             |
| Independent   | Minus                            |                                    | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9=           |                |
| X40=             |                |
| +135=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| X\$18=           |                |
| X80=             |                |
| +270=            |                |
| TOTAL ADDIT. FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.